

10/518,446

(FILE 'HOME' ENTERED AT 18:15:55 ON 29 SEP 2006)

FILE 'REGISTRY' ENTERED AT 18:16:44 ON 29 SEP 2006

L1 SCREEN 964 AND 1006
L2 STRUCTURE UPLOADED
L3 QUE L2 AND L1
L4 0 S L3 FUL
L5 SCREEN 964 AND 1006
L6 STRUCTURE UPLOADED
L7 QUE L6 AND L5
L8 25 S L7 FUL

FILE 'CAPLUS' ENTERED AT 18:19:01 ON 29 SEP 2006

L9 4 S L8

FILE 'REGISTRY' ENTERED AT 18:27:32 ON 29 SEP 2006

L10 SCREEN 964 AND 1006 AND 1051
L11 STRUCTURE UPLOADED
L12 QUE L11 AND L10
L13 28 S L12 FUL

FILE 'CAPLUS' ENTERED AT 18:33:32 ON 29 SEP 2006

L14 5 S L13
L15 1 S L14 NOT L9
L16 5 S L14 OR L9

FILE 'REGISTRY' ENTERED AT 18:38:36 ON 29 SEP 2006

L17 SCREEN 964 AND 1006 AND 1051
L18 STRUCTURE UPLOADED
L19 QUE L18 AND L17
L20 2 S L19 FUL
L21 SCREEN 964 AND 1006 AND 1051
L22 STRUCTURE UPLOADED
L23 QUE L22 AND L21
L24 2 S L23 FUL

FILE 'CAPLUS' ENTERED AT 18:39:50 ON 29 SEP 2006

L25 13 S L20 FUL
L26 13 S L24 FUL
L27 13 S L25 OR L26

FILE 'REGISTRY' ENTERED AT 18:47:55 ON 29 SEP 2006

L28 SCREEN 965 AND 1006 AND 1051
L29 STRUCTURE UPLOADED
L30 QUE L29 AND L28
L31 0 S L30 FUL
L32 SCREEN 964 AND 1006 AND 1051
L33 STRUCTURE UPLOADED
L34 QUE L33 AND L32
L35 1 S L34 FUL
L36 SCREEN 964 AND 1006 AND 1051
L37 STRUCTURE UPLOADED
L38 QUE L37 AND L36

10/518,446

L39 1 S L38 FUL

FILE 'CAPLUS' ENTERED AT 18:49:29 ON 29 SEP 2006

L40 4 S L35

L41 9 S L39

=> d l41 tot ibib abs

L41 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:577785 CAPLUS

DOCUMENT NUMBER: 145:62881

TITLE: Preparation of 5-thiazolecarboxamides as agrochemical

fungicides

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico;

Hartmann, Benoit; Gayer, Herbert; Seitz,

Thomas;

Wachendorff-Neumann, Ulrike; Dahmen, Peter;

Kuck,

Karl-Heinz

PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany

SOURCE: PCT Int. Appl., 80 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

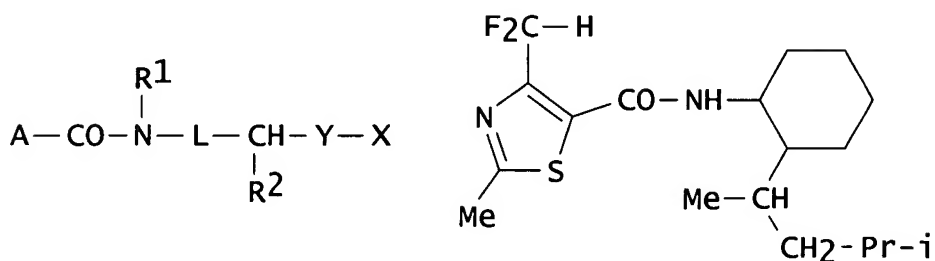
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE			
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WO 2006061215	A2	20060615	WO 2005-EP13140
20051208			
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VN, YU, ZA, ZM, ZW		
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,		

10/518,446

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY,
KG, KZ, MD, RU, TJ, TM
DE 102004059725 A1 20060622 DE 2004-102004059725
20041211
PRIORITY APPLN. INFO.: DE 2004-102004059725A
20041211
OTHER SOURCE(S): MARPAT 145:62881
GI



I

II

AB Title compds. I [$Y = (CH_2)_s$; $s = 1-2$; $X = CR_3R_4R_5$, etc.; $R_1 = H$, alkyl, alkylsulfinyl, etc.; $L = L_1, L_2$; $L_1 = F, Cl, alkyl$, etc.; $L_2 = F, Cl, alkyl$, etc.; $R_2 = H, halo, alkyl$, etc.; $R_3, R_4, R_5 = halo, alkyl, haloalkyl$, etc.] were prepared. For example, coupling of thiazol-5-carboxylic acid and 2-(1,3-dimethylbutyl)cyclohexanamine afforded thiazolecarboxamide II in 39% yield. In podosphaera apple protection assays, 4-examples of compds. I at 100 g/ha exhibited 100% protection after 10-days.

L41 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:823684 CAPLUS

DOCUMENT NUMBER: 143:229713

TITLE: Preparation of thienyl-3-carboxamides and related

compounds as microbicides

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico;

Karl-Heinz;

PATENT ASSIGNEE(S): Wachendorff-Neumann, Ulrike
Bayer CropScience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

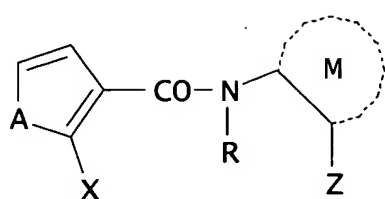
LANGUAGE: German

10/518,446

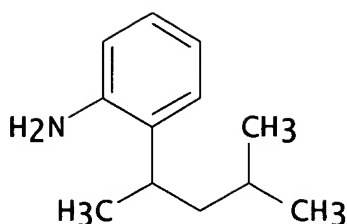
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

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WO 2005075452	A1	20050818	WO 2005-EP629
20050122			
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CA, CH,			
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,			
GB, GD,			
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,			
KZ, LC,			
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NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,			
SL, SY,			
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,			
ZM, ZW			
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DE, DK,			
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL,			
PL, PT,			
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,			
GW, ML,			
MR, NE, SN, TD, TG			
DE 102004005785	A1	20050825	DE 2004-102004005785
20040206			
PRIORITY APPLN. INFO.:			DE 2004-102004005785A
20040206			
OTHER SOURCE(S):	MARPAT 143:229713		
GI			

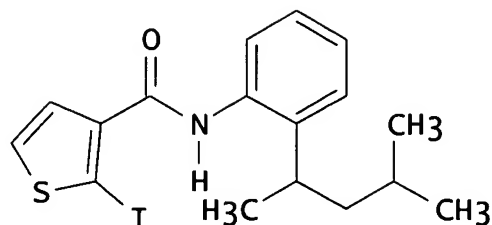
10/518,446



I



II



III

AB Title compds. I [A = O, S; X = halo; R = H, alkyl, alkylsulfinyl, etc.; Z

= Z1, Z2, Z3, Z4; Z1 = (un)substituted phenyl; Z2 = cycloalkyl, bicycloalkyl; Z3 = (un)substituted alkyl; Z4 = halo, alkylthio, alkylsulfinyl, etc.; M = Ph, thiophenyl, pyridinyl, etc.] were

prepared For

example, coupling of phenylamine II and

2-iodothioen-3-carboxylic acid

afforded thienylcarboxamide III in 21% yield. In apple venturia inaequalis protection assays, 37-examples of compds. I at 100

g/ha (sic),

exhibited 89-100% protection after 10-days.

REFERENCE COUNT:

14

THERE ARE 14 CITED REFERENCES

AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:409484 CAPLUS

DOCUMENT NUMBER: 142:463761

TITLE: Preparation of pyrazolylcarboxanilides and related

compounds as microbicide agents

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico;

Ulrike; Dahmen, Hartmann, Benoit; Wachendorff-Neumann,

Peter; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 84 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

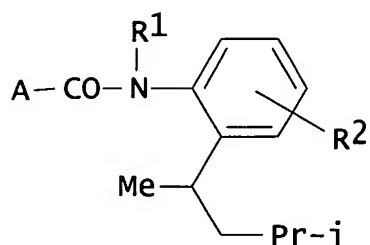
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FAMILY ACC. NUM. COUNT: 1

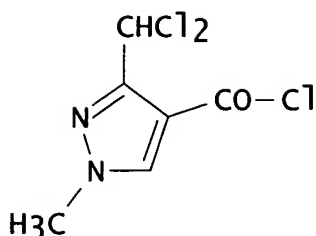
PATENT INFORMATION:

PATENT NO. DATE	KIND -----	DATE -----	APPLICATION NO. -----
WO 2005042492 20041012	A1	20050512	WO 2004-EP11394
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10349502 20031023	A1	20050525	DE 2003-10349502
AU 2004285633 20041012	A1	20050512	AU 2004-285633
CA 2543050 20041012	AA	20050512	CA 2004-2543050
EP 1678141 20041012	A1	20060712	EP 2004-765931
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
PRIORITY APPLN. INFO.: 20031023			DE 2003-10349502 A
			WO 2004-EP11394 W
20041012			
OTHER SOURCE(S): GI	MARPAT 142:463761		

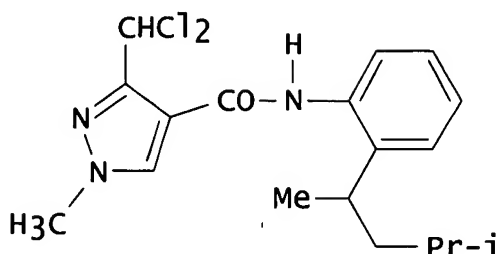
10/518,446



I



II



III

AB Title compds. I [A = substituted pyrazoles, thioles, pyridines, etc.; R1 =

H, alkyl, alkylsulfinyl, etc.; R2 = H, F, Cl, etc.] were prepared For

example, N-acylation of 2-(1,3-dimethylbutyl)phenylamine with acid

chloride II afforded pyrazolylcarboxanilide III in 70% yield. In venturia

apple protection assays, 12-examples of compds. I exhibited 88-100%

efficiency at 100 g/ha (sic) application. Compds. I are claimed to be

useful for the controlling of undesired microorganisms.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:409472 CAPLUS

DOCUMENT NUMBER: 142:463760

TITLE: Preparation of
5-fluoro-1-methyl-3-1H-pyrazoles as
microbicide agents

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul,
Joerg Nico;

Hartmann, Benoit; Wachendorff-Neumann,
Ulrike; Dahmen,

PATENT ASSIGNEE(S): Peter; Kuck, Karl-Heinz
Bayer Cropscience Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 47 pp.

10/518,446

DOCUMENT TYPE:

LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

CODEN: PIXXD2

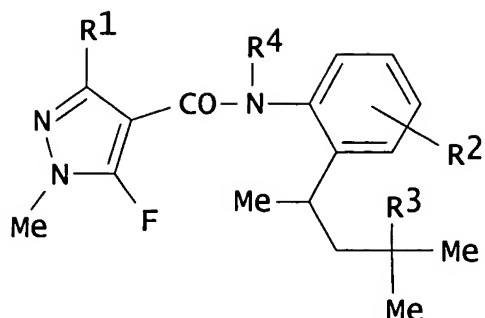
Patent

German

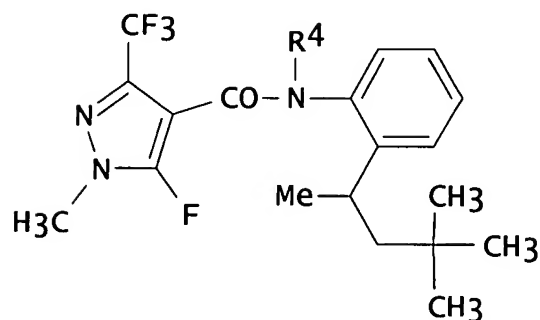
1

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE			
WO 2005042480	A2	20050512	WO 2004-EP11396
20041012			
WO 2005042480	A3	20050721	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10349497	A1	20050525	DE 2003-10349497
20031023			
AU 2004285634	A1	20050512	AU 2004-285634
20041012			
CA 2543051	AA	20050512	CA 2004-2543051
20041012			
EP 1678143	A2	20060712	EP 2004-790292
20041012			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
PRIORITY APPLN. INFO.:			
20031023			DE 2003-10349497 A
			WO 2004-EP11396 W
20041012			
OTHER SOURCE(S):	MARPAT 142:463760		
GI			

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I



II

AB Title compds. I [R1 = CH3, CF3, CF2H; R2 = H, F, Cl, etc.; R3 = H, halo, alkyl, etc.; R4 = alkyl, alkylsulfinyl, alkylsulfonyl, etc.] were prepared
For example, N-acetylation of amide II (R4 = H), afforded pyrazolylcarboxanilide II (R4 = COCH3) in 55% yield. In venturia apple protection assays, 2-examples of compds. I exhibited 100% efficiency at 100 g/ha (sic) application. Compds. I are claimed to be useful for the controlling of undesired microorganisms.

L41 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:36643 CAPLUS

DOCUMENT NUMBER: 140:76907

TITLE: Preparation of phenylbenzamides as agricultural fungicides

INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel, Ralf;

PATENT ASSIGNEE(S): Reinecke, Paul; Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid; Kuck, Karl-Heinz
Bayer CropScience AG, Germany
SOURCE: Ger. Offen., 20 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

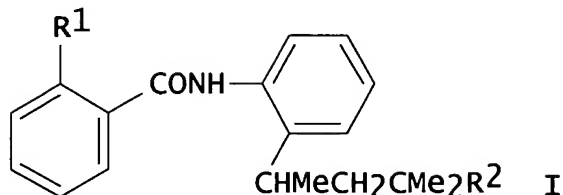
FAMILY ACC. NUM. COUNT: 1

10/518,446

PATENT INFORMATION:

PATENT NO. DATE	KIND	DATE	APPLICATION NO.
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DE 10229595 20020702	A1	20040115	DE 2002-10229595
CA 2491368 20030620	AA	20040115	CA 2003-2491368
WO 2004005242 20030620	A1	20040115	WO 2003-EP6512
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003245975 20030620	A1	20040123	AU 2003-245975
EP 1519913 20030620	A1	20050406	EP 2003-738073
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BR 2003012407 20030620	A	20050426	BR 2003-12407
CN 1678567 20030620	A	20051005	CN 2003-820812
JP 2006503809 20030620	T2	20060202	JP 2004-518548
US 2006211771 20050920	A1	20060921	US 2005-518446
PRIORITY APPLN. INFO.: 20020702			DE 2002-10229595 A
			WO 2003-EP6512 W
20030620			
OTHER SOURCE(S): GI	MARPAT 140:76907		

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AB Title compds. [I; R1 = CF3, Cl, Br, I; R2 = H, Me], were prepared Thus, a suspension of K2CO3 and MeCN was dropwise treated with 2-(1,3-dimethylbutyl)phenylamine (preparation given) and 2-(trifluoromethyl)benzoyl chloride followed by stirring for 10 h to give 46%

N-[2-(1,3-dimethylbutyl)phenyl]-2-(trifluoromethyl)benzamide. The latter at 100 g/ha gave 100% control of Sphaerotheca fuliginea.

L41 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:927408 CAPLUS

DOCUMENT NUMBER: 138:14057

TITLE: Preparation of substituted anilide derivatives as

INVENTOR(S): agricultural and horticultural chemicals
Furuya, Takashi; Yamaguchi, Minoru; Tohnishi, Masanori; Seo, Akira; Morimoto, Masayuki; Takemoto,

PATENT ASSIGNEE(S): Tsuyoshi; Fujioka, Shinsuke
Nihon Nohyaku Co., Ltd., Japan
SOURCE: PCT Int. Appl., 78 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: Japanese

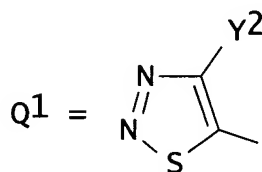
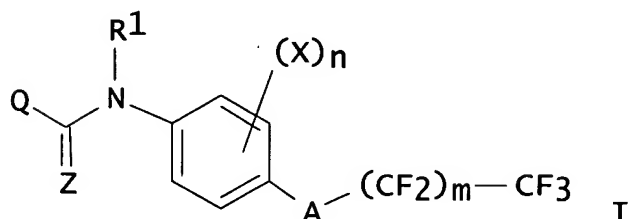
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE	-----	----	-----
WO 2002096882	A1	20021205	WO 2002-JP5285
20020530			
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10/518,446

US, UZ, VN, YU, ZA, ZM, ZW
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BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG
CA 2447640 AA 20021205 CA 2002-2447640
20020530
JP 2003048878 A2 20030221 JP 2002-157757
20020530
EP 1400516 A1 20040324 EP 2002-730796
20020530
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
BR 2002009726 A 20040420 BR 2002-9726
20020530
CN 1512986 A 20040714 CN 2002-810844
20020530
RU 2266285 C2 20051220 RU 2003-134631
20020530
ZA 2003008813 A 20041123 ZA 2003-8813
20031112
US 2004116744 A1 20040617 US 2003-478834
20031126
PRIORITY APPLN. INFO.: JP 2001-164787 A
20010531 WO 2002-JP5285 W
20020530
OTHER SOURCE(S): MARPAT 138:14057
GI



AB The title compds. I [R¹ is hydrogen, C1-6 alkyl, C1-6 haloalkyl, or the like; A is (CR₂R₃)_p; R₂ is hydrogen, halogeno, or C1-6 haloalkyl; R₃ is hydrogen, halogeno, C1-6 alkyl, or the like; p is 0 or 1; m is an integer of 0 to 6; when p is 0, x is C2-8 alkyl, C1-8 alkoxy, or the like, while when p is 1, x is halogeno, cyano, or the like; n is an integer of 1 to 4;

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Z is O or S; and Q is Q1, etc.; Y2 is halo, etc.] are prepared
Aniline intermediates for I are disclosed. I are useful as insecticides,
acaricides, and fungicides. Compds. of this invention at 500
ppm gave

≥ 90% control of Tetranychus urticae.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE
FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:368451 CAPLUS

DOCUMENT NUMBER: 136:369602

TITLE: Preparation of pyrrolicarboxamides and
pyrrolicarbothioamides as agrochemical

fungicides

INVENTOR(S): walter, Harald

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

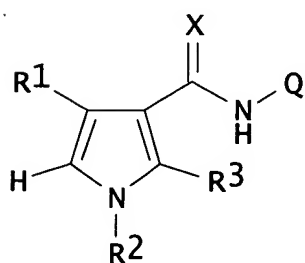
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

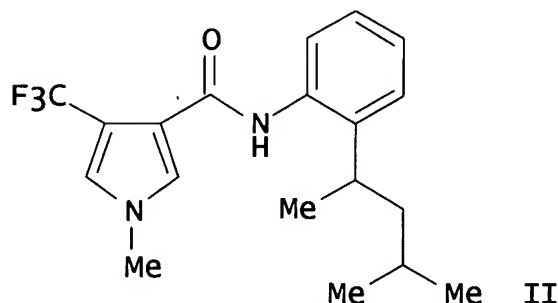
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WO 2002038542	A1	20020516	WO 2001-EP12830
20011106			
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CA 2426033	AA	20020516	CA 2001-2426033
20011106			
AU 2002023668	A5	20020521	AU 2002-23668
20011106			
EP 1341757	A1	20030910	EP 2001-993599
20011106			

10/518,446

EP 1341757 B1 20060920
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
BR 2001015200 A 20040217 BR 2001-15200
20011106
EG 23122 A 20040428 EG 2001-1173
20011106
JP 2004513163 T2 20040430 JP 2002-541078
20011106
ZA 2003003012 A 20040520 ZA 2003-3012
20030416
US 2005119130 A1 20050602 US 2003-416219
20030905
US 7105565 B2 20060912
US 2006189676 A1 20060824 US 2006-380735
20060428
PRIORITY APPLN. INFO.: GB 2000-27284 A
20001108 GB 2000-30268 A
20001212 WO 2001-EP12830 W
20011106 US 2003-416219 A3
20030905
OTHER SOURCE(S): MARPAT 136:369602
GI



I



II

AB The title compds. [I; X = O, S; R1 = CF3, CF2H, CFH2; R2 = alkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl; R3 = H, Me, CF3, F; Q = substituted Ph, 2-thienyl, 3-thienyl] which have plant-protecting properties and are suitable for protecting plants against infestation by phytopathogenic microorganisms, were prepared Thus, treating 1-methyl-4-trifluoromethylpyrrole-3-carboxylic acid with oxalyl chloride in the presence of a catalytic amount of DMF in CH2Cl2 followed by addition of the resulting acid chloride to a solution of 2-(1,3-dimethylbutyl)phenylamine

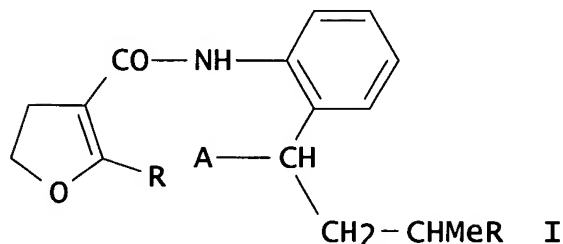
10/518,446

and Et₃N in CH₂Cl₂ afforded II. Compds. I showed good activity (< 20% infestation) against *Puccinia recondita* (brown rust) on wheat.
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L41 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1999:774191 CAPLUS
DOCUMENT NUMBER: 132:1238
TITLE: Dihydrofurancarboxanilides and agrochemical microbicides containing them
INVENTOR(S): Yoshikawa, Yukihiro; Tomitani, Kanji; Takahashi,
PATENT ASSIGNEE(S): Hiroshi; Yanase, Yuji Mitsui Chemicals Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp. CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE -----	----	-----	-----
JP 11335364	A2	19991207	JP 1998-141709
19980522			
PRIORITY APPLN. INFO.: 19980522			JP 1998-141709
OTHER SOURCE(S): GI	MARPAT 132:1238		



AB Agrochem. microbicides contain title compds. I (A = H, Me; B = Me, Et; R = Me, Et, CF₃). 2-(1,3-Dimethylbutyl)aniline was amidated by Me 2,3-dihydrofuran-4-methyl-5-carboxylate (sic) to give 28% I (A = B = R = Me), which (at 100-130 ppm) showed 100% control of *Pyricularia oryzae*,

10/518,446

Botrytis cinerea, and Sphaerotheca fuliginea. Formulation examples are given.

L41 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:161040 CAPLUS

DOCUMENT NUMBER: 128:192648

TITLE: Preparation of substituted carboxanilide derivatives

as agrochemical fungicides

INVENTOR(S): Yoshikawa, Yukihiro; Tomiya, Kanji; Tomura, Naofumi;

Shunichi;

Yanase, Yuji; Kishi, Junro; Kawashima, Hideo

PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Japan

SOURCE: Eur. Pat. Appl., 31 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. DATE	KIND	DATE	APPLICATION NO.
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EP 824099 19970814	A1	19980218	EP 1997-114124
EP 824099 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI	B1	20011107	
JP 10251240 19970313	A2	19980922	JP 1997-338820
JP 10310577 19970807	A2	19981124	JP 1997-213461
US 5914344 19970807	A	19990622	US 1997-908187
CA 2213111 19970814	AA	19980215	CA 1997-2213111
CA 2213111 ES 2164972 19970814	C T3	20010320 20020301	ES 1997-114124
CN 1178791 19970815	A	19980415	CN 1997-118681
CN 1067063 US 5965774 19980909	B A	20010613 19991012	US 1998-150170
CN 1338452 20000826	A	20020306	CN 2000-126258
PRIORITY APPLN. INFO.: 19960815			JP 1996-215724 A
19970313			JP 1997-59106 A

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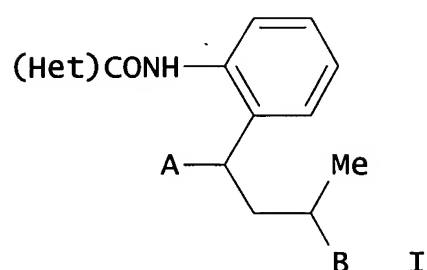
US 1997-908187

A3

19970807

OTHER SOURCE(S):
GI

MARPAT 128:192648



AB Carboxanilide derivs. I (A = H, Me; B = Me, Et; Het = 1-methyl-3-substituted-4-pyrazolyl, 2-methyl-4-substituted-5-triazolyl) were prepared

I exhibit a disease control effect against Botrytis cinerea, powdery mildew, Pyricularia oryzae of rice, and other plant diseases.

E.g., reaction of 3-trifluoromethyl-1-methyl-4-pyrazolecarbonyl chloride and 2-(1,3-dimethylbutyl)aniline gave 73% N-[2-(1,3-dimethylbutyl)phenyl]-3-trifluoromethyl-1-methyl-4-pyrazolecarboxamide.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

=> d 141 tot ibib abs hitstr

L41 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:577785 CAPLUS

DOCUMENT NUMBER: 145:62881

TITLE: Preparation of 5-thiazolecarboxamides as agrochemical

fungicides

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico;

Thomas; Hartmann, Benoit; Gayer, Herbert; Seitz,

Kuck, Wachendorff-Neumann, Ulrike; Dahmen, Peter;

Karl-Heinz

PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany

SOURCE: PCT Int. Appl., 80 pp.

10/518,446

DOCUMENT TYPE:

LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

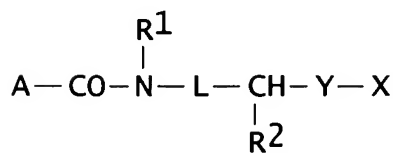
CODEN: PIXXD2

Patent

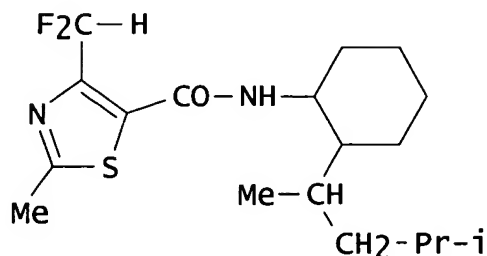
German

1

PATENT NO.	KIND	DATE	APPLICATION NO.
WO 2006061215	A2	20060615	WO 2005-EP13140
20051208			
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RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
DE 102004059725	A1	20060622	DE 2004-102004059725
20041211			
PRIORITY APPLN. INFO.:			DE 2004-102004059725A
20041211			
OTHER SOURCE(S):	MARPAT 145:62881		
GI			



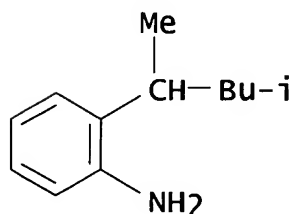
I



II

10/518,446

AB Title compds. I [$Y = (CH_2)_s$; $s = 1-2$; $X = CR_3R_4R_5$, etc.; $R_1 = H$,
alkyl,
alkylsulfinyl, etc.; $L = L_1, L_2$; $L_1 = F, Cl$, alkyl, etc.; $L_2 =$
F, Cl,
alkyl, etc.; $R_2 = H$, halo, alkyl, etc.; $R_3, R_4, R_5 = halo$, alkyl,
haloalkyl, etc.] were prepared For example, coupling of
thiazol-5-carboxylic acid and
2-(1,3-dimethylbutyl)cyclohexanamine
afforded thiazolecarboxamide II in 39% yield. In podosphaera
apple
protection assays, 4-examples of compds. I at 100 g/ha exhibited
100%
protection after 10-days.
IT 203448-76-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of 5-thiazolecarboxamides as agrochem.
fungicides)
RN 203448-76-4 CAPLUS
CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)

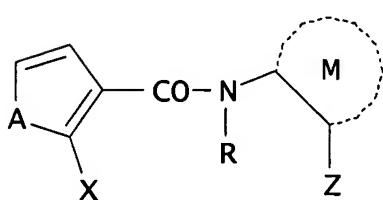


L41 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:823684 CAPLUS
DOCUMENT NUMBER: 143:229713
TITLE: Preparation of thienyl-3-carboxamides and
related
compounds as microbicides
INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul,
Joerg Nico;
Hartmann, Benoit; Dahmen, Peter; Kuck,
Karl-Heinz;
Wachendorff-Neumann, Ulrike
PATENT ASSIGNEE(S): Bayer CropScience Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 123 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

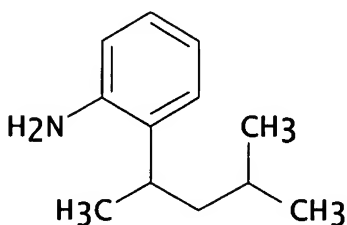
PATENT NO.	KIND	DATE	APPLICATION NO.
DATE -----	----	-----	-----

10/518,446

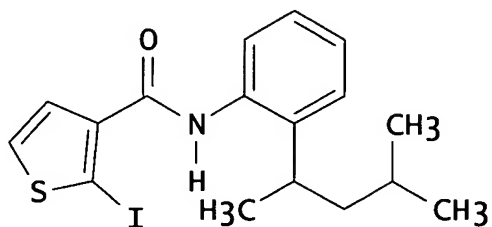
WO 2005075452 A1 20050818 WO 2005-EP629
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GB, GD,
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KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ,
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PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML,
MR, NE, SN, TD, TG
DE 102004005785 A1 20050825 DE 2004-102004005785
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PRIORITY APPLN. INFO.: DE 2004-102004005785A
20040206
OTHER SOURCE(S): MARPAT 143:229713
GI



I



II



III

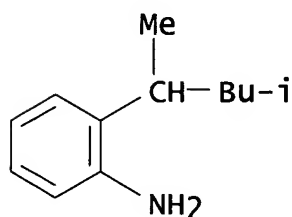
10/518,446

AB Title compds. I [A = O, S; X = halo; R = H, alkyl, alkylsulfinyl, etc.; Z = Z1, Z2, Z3, Z4; Z1 = (un)substituted phenyl; Z2 = cycloalkyl, bicycloalkyl; Z3 = (un)substituted alkyl; Z4 = halo, alkylthio, alkylsulfinyl, etc.; M = Ph, thiophenyl, pyridinyl, etc.] were prepared For example, coupling of phenylamine II and 2-iodothioen-3-carboxylic acid afforded thienylcarboxamide III in 21% yield. In apple venturia inaequalis protection assays, 37-examples of compds. I at 100 g/ha (sic), exhibited 89-100% protection after 10-days.

IT 203448-76-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of thienylcarboxamides and related compds. as microbicides)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:
AVAILABLE FOR THIS

14 THERE ARE 14 CITED REFERENCES

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:409484 CAPLUS

DOCUMENT NUMBER: 142:463761

TITLE: Preparation of pyrazolylcarboxanilides and related compounds as microbicide agents

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico; Hartmann, Benoit; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 84 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

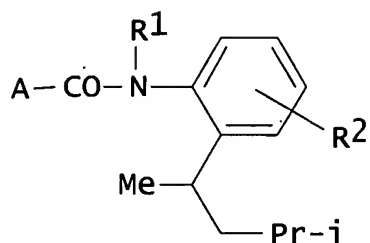
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE			

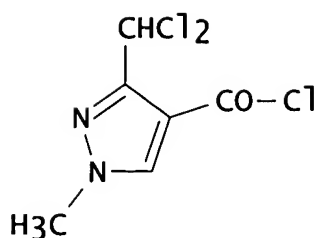
10/518,446

WO 2005042492 A1 20050512 WO 2004-EP11394
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CA, CH,
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GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
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SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
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RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE,
SN, TD, TG
DE 10349502 A1 20050525 DE 2003-10349502
20031023
AU 2004285633 A1 20050512 AU 2004-285633
20041012
CA 2543050 AA 20050512 CA 2004-2543050
20041012
EP 1678141 A1 20060712 EP 2004-765931
20041012
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IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
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20031023
WO 2004-EP11394 W
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OTHER SOURCE(S): MARPAT 142:463761
GI

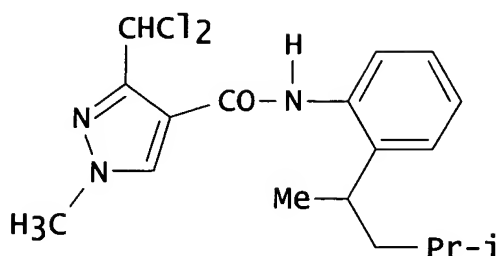
10/518,446



I



II



III

AB Title compds. I [A = substituted pyrazoles, thioles, pyridines, etc.; R1 =

H, alkyl, alkylsulfinyl, etc.; R2 = H, F, Cl, etc.] were prepared For

example, N-acylation of 2-(1,3-dimethylbutyl)phenylamine with acid

chloride II afforded pyrazolylcarboxanilide III in 70% yield. In venturia

apple protection assays, 12-examples of compds. I exhibited 88-100%

efficiency at 100 g/ha (sic) application. Compds. I are claimed to be

useful for the controlling of undesired microorganisms.

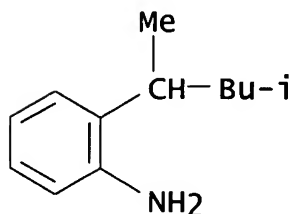
IT 203448-76-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of pyrazolylcarboxanilides and related compds. as microbicide agents)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



10/518,446

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE
FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE
RE FORMAT

L41 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:409472 CAPLUS

DOCUMENT NUMBER: 142:463760

TITLE: Preparation of
5-fluoro-1-methyl-3-1H-pyrazoles as
microbicide agents

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul,
Joerg Nico;

Ulrike; Dahmen,
Hartmann, Benoit; Wachendorff-Neumann,

PATENT ASSIGNEE(S): Peter; Kuck, Karl-Heinz
SOURCE: Bayer Cropscience Aktiengesellschaft, Germany
PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

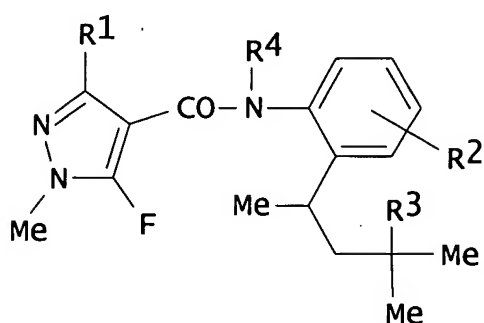
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

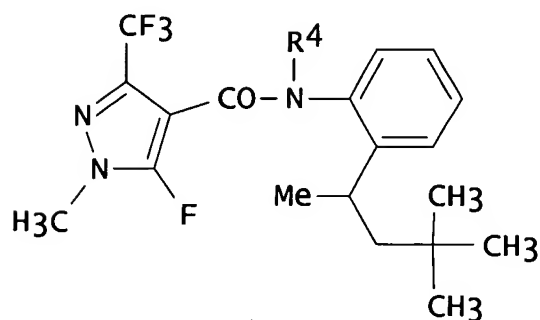
PATENT NO. DATE	KIND	DATE	APPLICATION NO.
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WO 2005042480 20041012	A2	20050512	WO 2004-EP11396
WO 2005042480	A3	20050721	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10349497 20031023	A1	20050525	DE 2003-10349497

10/518,446

AU 2004285634 A1 20050512 AU 2004-285634
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CA 2543051 AA 20050512 CA 2004-2543051
20041012
EP 1678143 A2 20060712 EP 2004-790292
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MC, PT,
IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
PRIORITY APPLN. INFO.: DE 2003-10349497 A
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WO 2004-EP11396 W
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OTHER SOURCE(S): MARPAT 142:463760
GI



I

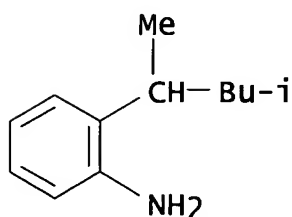


II

AB Title compds. I [R¹ = CH₃, CF₃, CF₂H; R² = H, F, Cl, etc.; R³ = H, halo, alkyl, etc.; R⁴ = alkyl, alkylsulfinyl, alkylsulfonyl, etc.]
were prepared
For example, N-acetylation of amide II (R⁴ = H), afforded
pyrazolylcarboxanilide II (R⁴ = COCH₃) in 55% yield. In
venturia apple
protection assays, 2-examples of compds. I exhibited 100%
efficiency at
100 g/ha (sic) application. Compds. I are claimed to be useful
for the

10/518,446

controlling of undesired microorganisms.
IT 203448-76-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of pyrazolylcarboxanilides as microbicide agents)
RN 203448-76-4 CAPLUS
CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



L41 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:36643 CAPLUS

DOCUMENT NUMBER: 140:76907

TITLE: Preparation of phenylbenzamides as
agricultural

fungicides

INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel,
Ralf;

Reinecke, Paul; Wachendorff-Neumann, Ulrike;
Mauler-Machnik, Astrid; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer CropScience AG, Germany

SOURCE: Ger. Offen., 20 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DE 10229595	A1	20040115	DE 2002-10229595
CA 2491368	AA	20040115	CA 2003-2491368
WO 2004005242	A1	20040115	WO 2003-EP6512

DATE -----

20020702

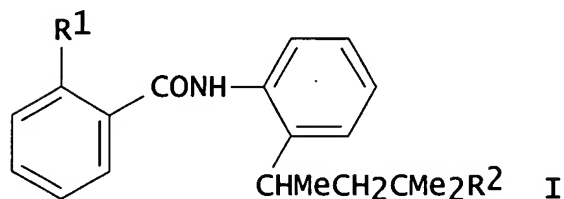
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GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
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LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,
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10/518,446

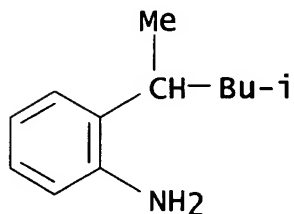
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES,
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI,
SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG
AU 2003245975 A1 20040123 AU 2003-245975
20030620
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20030620
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU,
SK
BR 2003012407 A 20050426 BR 2003-12407
20030620
CN 1678567 A 20051005 CN 2003-820812
20030620
JP 2006503809 T2 20060202 JP 2004-518548
20030620
US 2006211771 A1 20060921 US 2005-518446
20050920
PRIORITY APPLN. INFO.: DE 2002-10229595 A
20020702 WO 2003-EP6512 W
20030620
OTHER SOURCE(S): MARPAT 140:76907
GI



AB Title compds. [I; R1 = CF3, Cl, Br, I; R2 = H, Me], were prepared Thus, a suspension of K2CO3 and MeCN was dropwise treated with 2-(1,3-dimethylbutyl)phenylamine (preparation given) and 2-(trifluoromethyl)benzoyl chloride followed by stirring for 10 h to give 46% N-[2-(1,3-dimethylbutyl)phenyl]-2-(trifluoromethyl)benzamide. The

10/518,446

latter at 100 g/ha gave 100% control of *Sphaerotheca fuliginea*.
IT 203448-76-4P, 2-(1,3-Dimethylbutyl)phenylamine
RL: RCT (Reactant); SPN (Synthetic preparation); PREP
(Preparation); RACT
(Reactant or reagent)
(preparation of phenylbenzamides as agricultural fungicides)
RN 203448-76-4 CAPLUS
CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



L41 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:927408 CAPLUS

DOCUMENT NUMBER: 138:14057

TITLE: Preparation of substituted anilide
derivatives as

INVENTOR(S): agricultural and horticultural chemicals
Furuya, Takashi; Yamaguchi, Minoru; Tohnishi,
Masanori; Seo, Akira; Morimoto, Masayuki;
Takemoto,

PATENT ASSIGNEE(S): Tsuyoshi; Fujioka, Shinsuke
Nihon Nohyaku Co., Ltd., Japan

SOURCE: PCT Int. Appl., 78 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

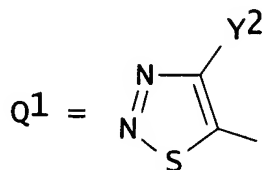
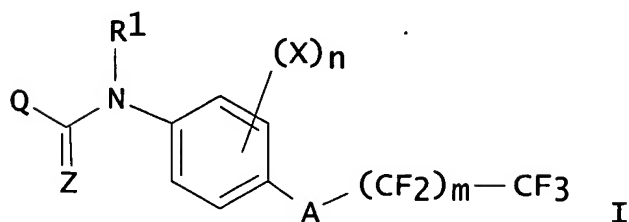
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE			
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WO 2002096882	A1	20021205	WO 2002-JP5285
20020530			
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10/518,446

US, UZ, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT,
BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG
CA 2447640 AA 20021205 CA 2002-2447640
20020530
JP 2003048878 A2 20030221 JP 2002-157757
20020530
EP 1400516 A1 20040324 EP 2002-730796
20020530
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
BR 2002009726 A 20040420 BR 2002-9726
20020530
CN 1512986 A 20040714 CN 2002-810844
20020530
RU 2266285 C2 20051220 RU 2003-134631
20020530
ZA 2003008813 A 20041123 ZA 2003-8813
20031112
US 2004116744 A1 20040617 US 2003-478834
20031126
PRIORITY APPLN. INFO.: JP 2001-164787 A
20010531 WO 2002-JP5285 W
20020530
OTHER SOURCE(S): MARPAT 138:14057
GI



AB The title compds. I [R1 is hydrogen, C1-6 alkyl, C1-6 haloalkyl, or the like; A is (CR₂R₃)_p; R2 is hydrogen, halogeno, or C1-6 haloalkyl; R3 is hydrogen, halogeno, C1-6 alkyl, or the like; p is 0 or 1; m is an integer of 0 to 6; when p is 0, x is C2-8 alkyl, C1-8 alkoxy, or the like, while

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when p is 1, X is halogeno, cyano, or the like; n is an integer of 1 to 4;

Z is O or S; and Q is Q1, etc.; Y2 is halo, etc.] are prepared Aniline

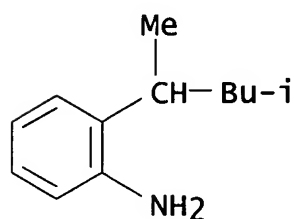
intermediates for I are disclosed. I are useful as insecticides, acaricides, and fungicides. Comps. of this invention at 500 ppm gave
≥ 90% control of Tetranychus urticae.

IT 203448-76-4

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of substituted anilide derivs. as insecticides, acaricides, and fungicides)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:
FOR THIS

2

THERE ARE 2 CITED REFERENCES AVAILABLE
RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:368451 CAPLUS

DOCUMENT NUMBER: 136:369602

TITLE: Preparation of pyrrolicarboxamides and pyrrolicarbothioamides as agrochemical

fungicides

INVENTOR(S): walter, Harald

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

1

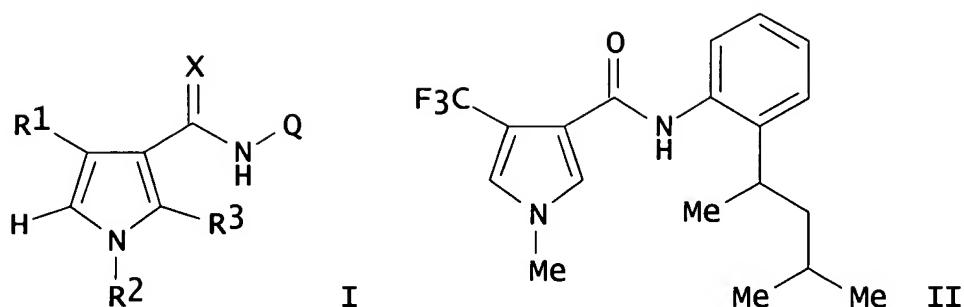
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE	-----	-----	-----
WO 2002038542	A1	20020516	WO 2001-EP12830
20011106			

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

10/518,446

GE, GH, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
LK, LR, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
PH, PL, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ,
UA, UG, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ,
US, UZ, VN, YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
TG
CA 2426033 AA 20020516 CA 2001-2426033
20011106
AU 2002023668 A5 20020521 AU 2002-23668
20011106
EP 1341757 A1 20030910 EP 2001-993599
20011106
EP 1341757 B1 20060920
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
BR 2001015200 A 20040217 BR 2001-15200
20011106
EG 23122 A 20040428 EG 2001-1173
20011106
JP 2004513163 T2 20040430 JP 2002-541078
20011106
ZA 2003003012 A 20040520 ZA 2003-3012
20030416
US 2005119130 A1 20050602 US 2003-416219
20030905
US 7105565 B2 20060912
US 2006189676 A1 20060824 US 2006-380735
20060428
PRIORITY APPLN. INFO.: GB 2000-27284 A
20001108
GB 2000-30268 A
20001212
WO 2001-EP12830 W
20011106
US 2003-416219 A3
20030905
OTHER SOURCE(S): MARPAT 136:369602
GI



AB The title compds. [I; X = O, S; R1 = CF3, CF2H, CFH2; R2 = alkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl; R3 = H, Me, CF3, F; Q = substituted Ph, 2-thienyl, 3-thienyl] which have plant-protecting properties and are suitable for protecting plants against

infestation by

phytopathogenic microorganisms, were prepared Thus, treating 1-methyl-4-trifluoromethylpyrrole-3-carboxylic acid with oxalyl chloride

in the presence of a catalytic amount of DMF in CH2Cl2 followed by addition of

the resulting acid chloride to a solution of 2-(1,3-dimethylbutyl)phenylamine

and Et3N in CH2Cl2 afforded II. Compds. I showed good activity (< 20%

infestation) against *Puccinia recondita* (brown rust) on wheat.

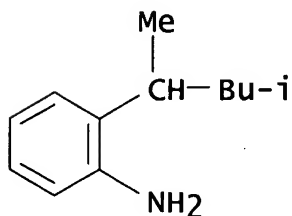
IT 203448-76-4, 2-(1,3-Dimethylbutyl)phenylamine

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of pyrrolicarboxamides and pyrrolicarbothioamides as agrochem. fungicides)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:
FOR THIS

5

THERE ARE 5 CITED REFERENCES AVAILABLE

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

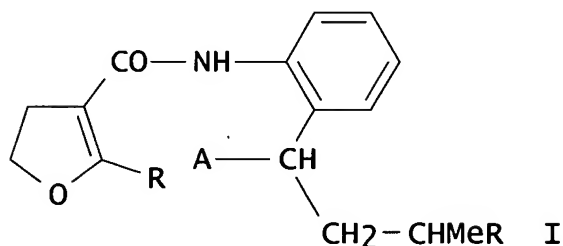
ACCESSION NUMBER: 1999:774191 CAPLUS

DOCUMENT NUMBER: 132:1238

10/518,446

TITLE: Dihydrofurancarboxanilides and agrochemical microbicides containing them
INVENTOR(S): Yoshikawa, Yukihiro; Tomitani, Kanji; Takahashi, Hiroshi; Yanase, Yuji
PATENT ASSIGNEE(S): Mitsui Chemicals Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE			
JP 11335364	A2	19991207	JP 1998-141709
19980522			
PRIORITY APPLN. INFO.:			JP 1998-141709
19980522			
OTHER SOURCE(S):	MARPAT 132:1238		
GI			

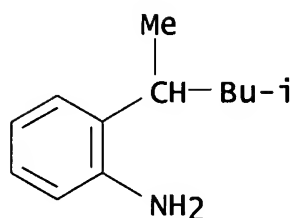


AB Agrochem. microbicides contain title compds. I (A = H, Me; B = Me, Et; R = Me, Et, CF₃). 2-(1,3-Dimethylbutyl)aniline was amidated by Me 2,3-dihydrofuran-4-methyl-5-carboxylate (sic) to give 28% I (A = B = R = Me), which (at 100-130 ppm) showed 100% control of *Pyricularia oryzae*, *Botrytis cinerea*, and *Sphaerotheca fuliginea*. Formulation examples are given.

IT 203448-76-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of dihydrofurancarboxanilides as agrochem. microbicides)

RN 203448-76-4 CAPLUS
CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)

10/518,446



L41 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:161040 CAPLUS

DOCUMENT NUMBER: 128:192648

TITLE: Preparation of substituted carboxanilide derivatives

as agrochemical fungicides

INVENTOR(S): Yoshikawa, Yukihiro; Tomiya, Kanji; Tomura, Naofumi;

Katsuta, Hiroyuki; Takahashi, Osamu; Inami,

Shunichi;

Yanase, Yuji; Kishi, Junro; Kawashima, Hideo

PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Japan

SOURCE: Eur. Pat. Appl., 31 pp.

CODEN: EPXXDW

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. DATE	KIND	DATE	APPLICATION NO.
EP 824099 19970814	A1	19980218	EP 1997-114124
EP 824099 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI	B1	20011107	
JP 10251240 19970313	A2	19980922	JP 1997-338820
JP 10310577 19970807	A2	19981124	JP 1997-213461
US 5914344 19970807	A	19990622	US 1997-908187
CA 2213111 19970814	AA	19980215	CA 1997-2213111
CA 2213111 ES 2164972 19970814	C T3	20010320 20020301	ES 1997-114124
CN 1178791 19970815	A	19980415	CN 1997-118681
CN 1067063 US 5965774 19980909	B A	20010613 19991012	US 1998-150170

10/518,446

CN 1338452
20000826
PRIORITY APPLN. INFO.:
19960815

A 20020306

CN 2000-126258

JP 1996-215724 A

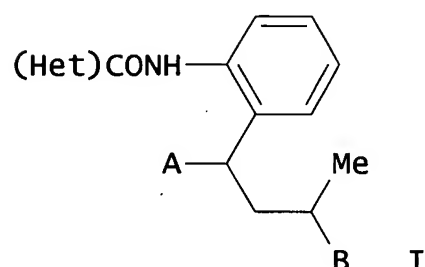
JP 1997-59106 A

US 1997-908187 A3

19970313

19970807
OTHER SOURCE(S):
GI

MARPAT 128:192648



AB Carboxanilide derivs. I (A = H, Me; B = Me, Et; Het = 1-methyl-3-substituted-4-pyrazolyl, 2-methyl-4-substituted-5-triazolyl) were prepared

I exhibit a disease control effect against Botrytis cinerea, powdery mildew, Pyricularia oryzae of rice, and other plant diseases.

E.g., reaction of 3-trifluoromethyl-1-methyl-4-pyrazolecarbonyl chloride and 2-(1,3-dimethylbutyl)aniline gave 73% N-[2-(1,3-dimethylbutyl)phenyl]-3-trifluoromethyl-1-methyl-4-pyrazolecarboxamide.

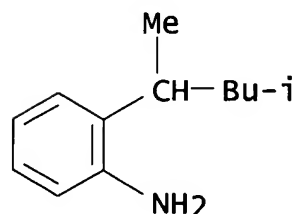
IT 203448-76-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and agrochem. fungicidal activity of carboxanilides)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



10/518,446

REFERENCE COUNT:
FOR THIS

2

THERE ARE 2 CITED REFERENCES AVAILABLE
RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT